

FIG. 1

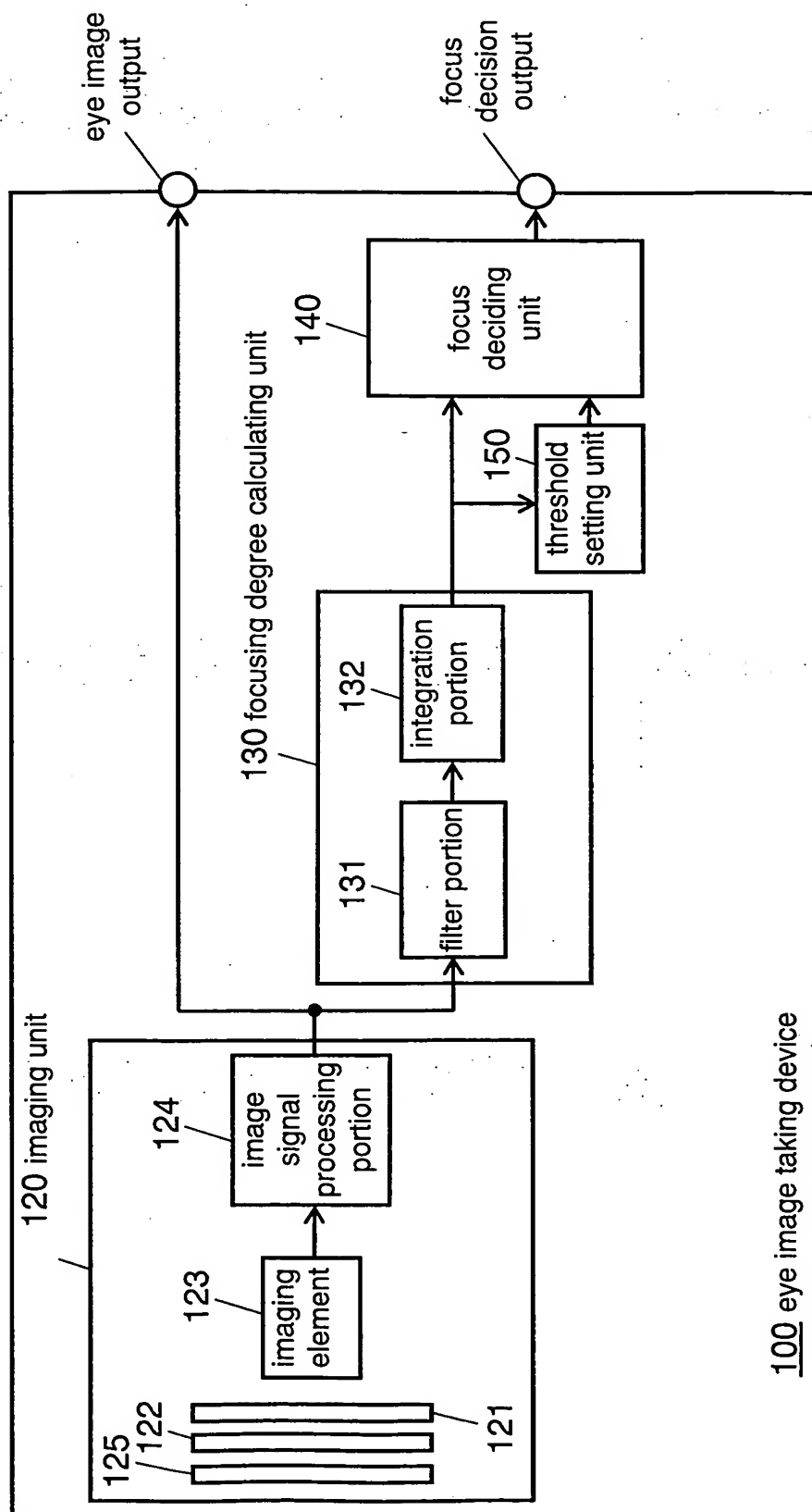


FIG. 2

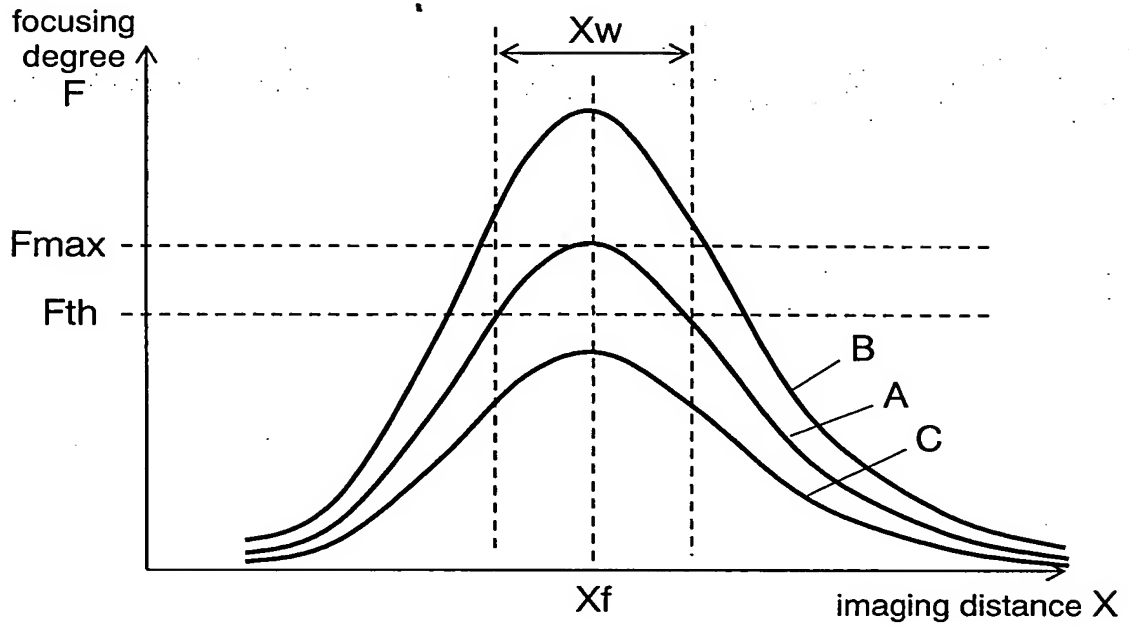
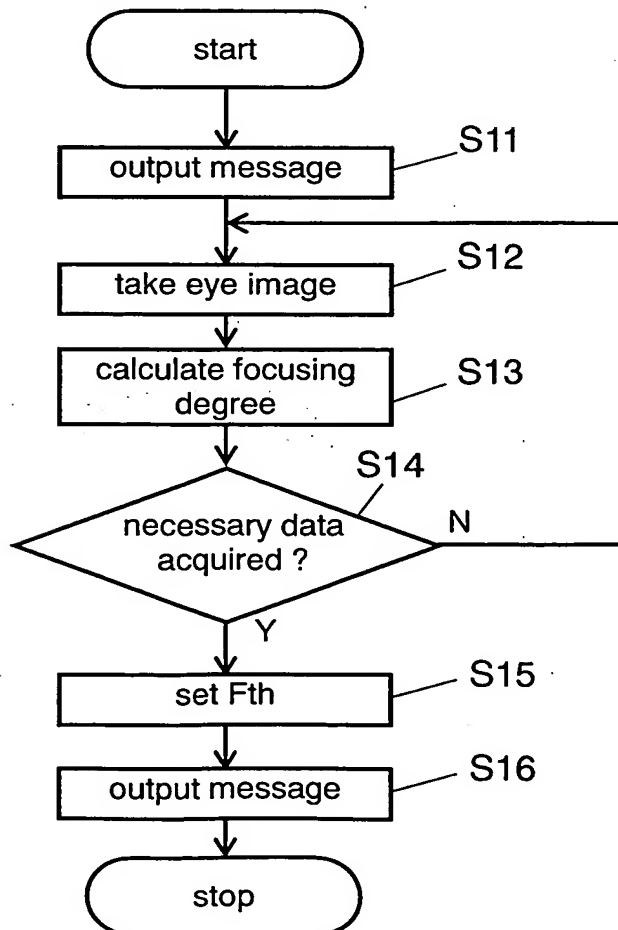
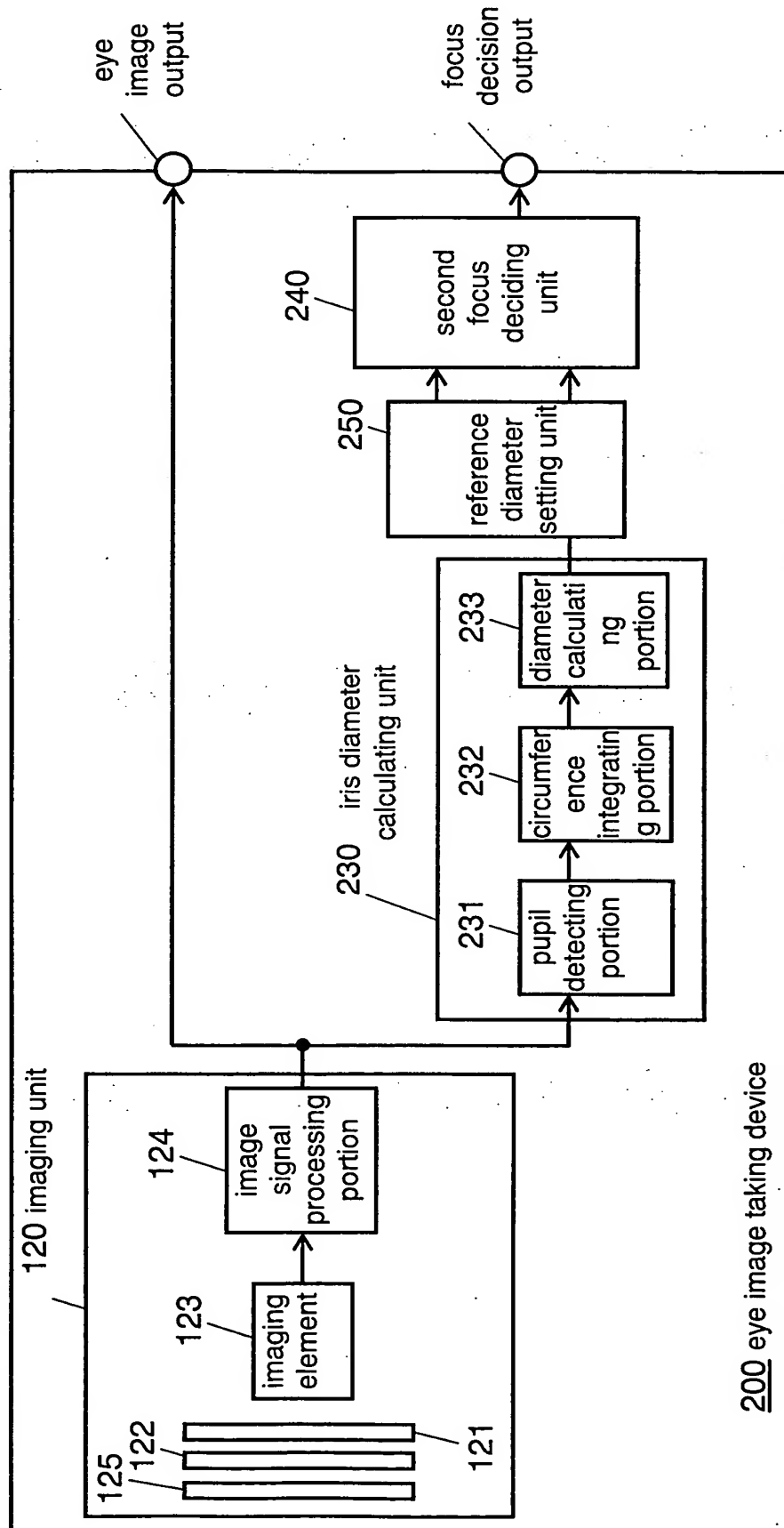


FIG. 3



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FIG. 4



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FIG. 5

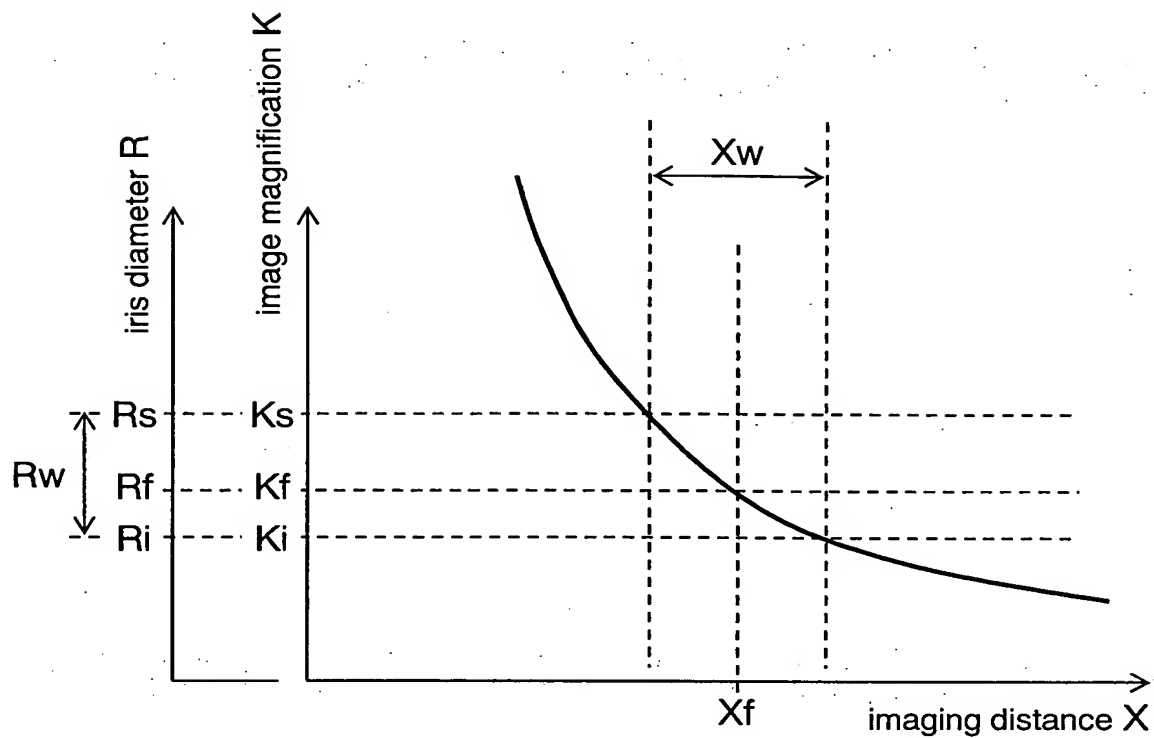
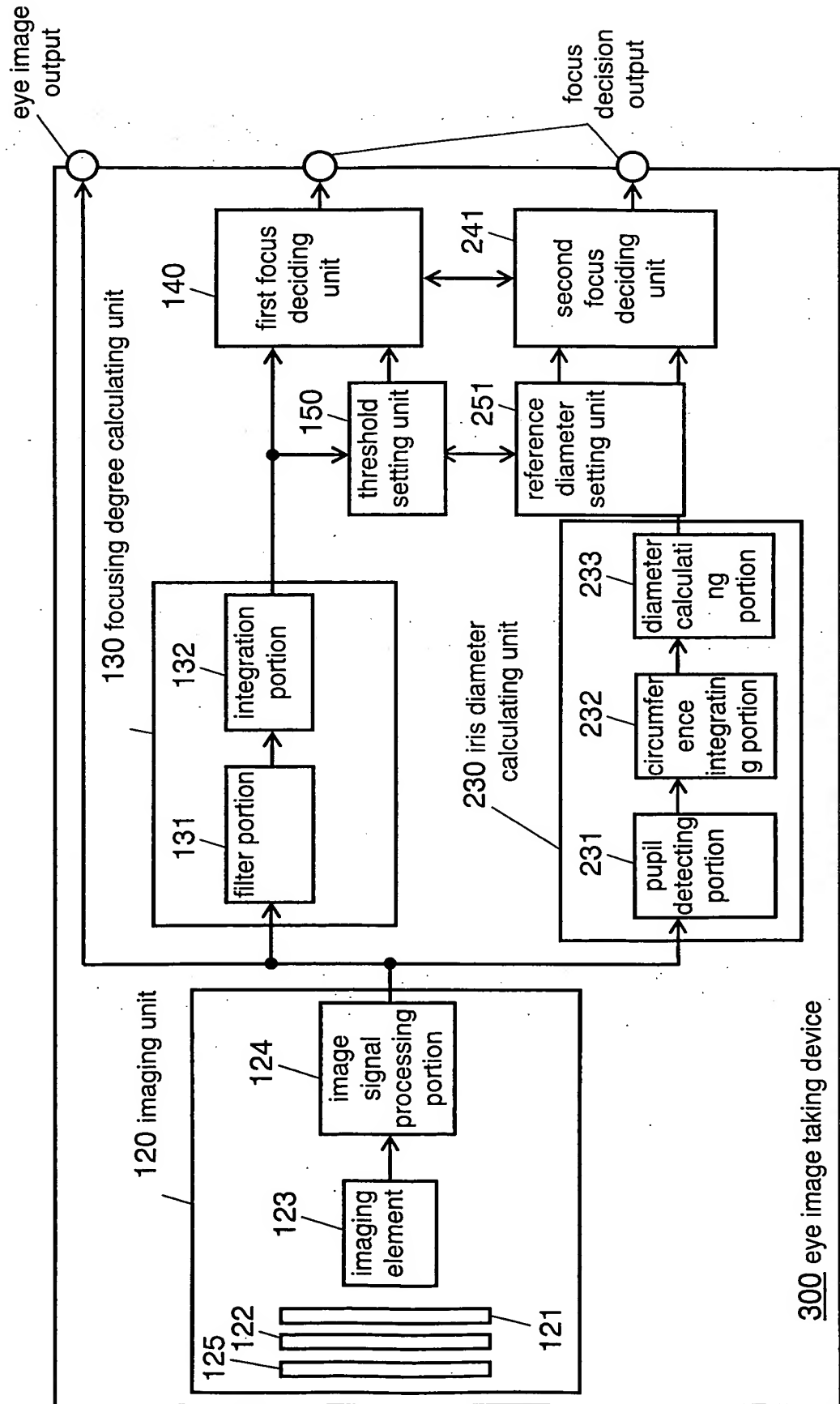


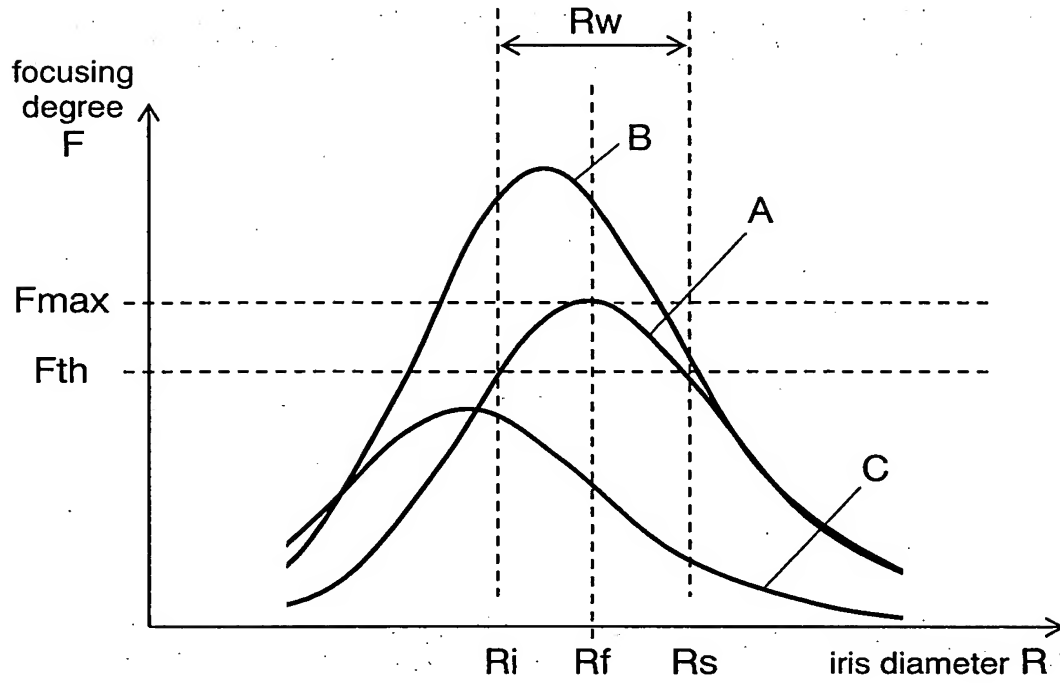
FIG. 6



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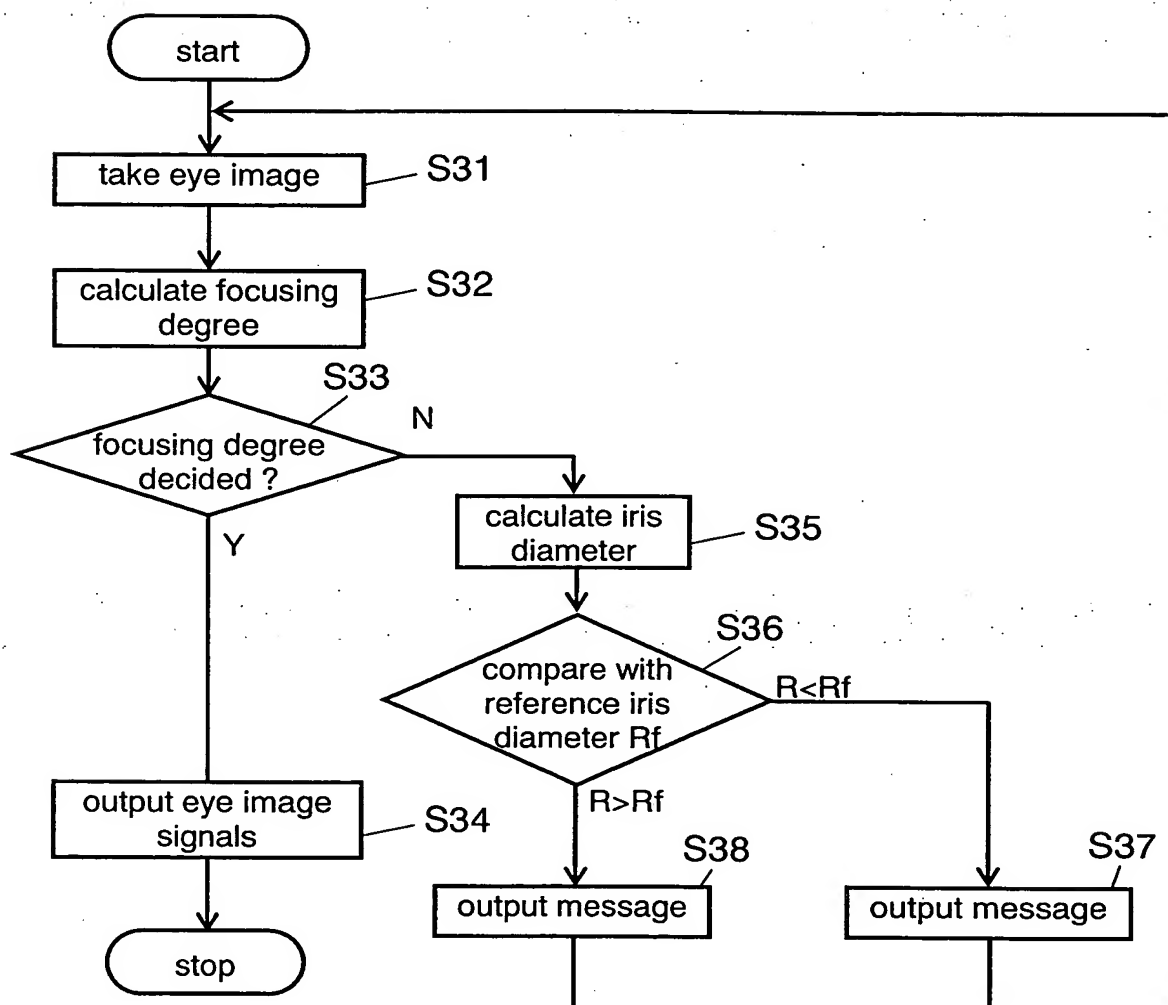
FIG. 7



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FIG. 8



Reference marks in the drawings

100, 200, 300	eye image taking device
120	imaging unit
121	lens
122	visible light cut filter
123	imaging element
124	image signal processing portion
125	guide mirror
130	focusing degree calculating unit
131	filter portion
132	integration portion
140	focus deciding unit
150	threshold setting unit
230	iris diameter calculating unit
231	pupil detecting portion
232	circumference integrating portion
233	diameter calculating portion
240, 241	(second) focus deciding unit
250, 251	reference diameter setting unit